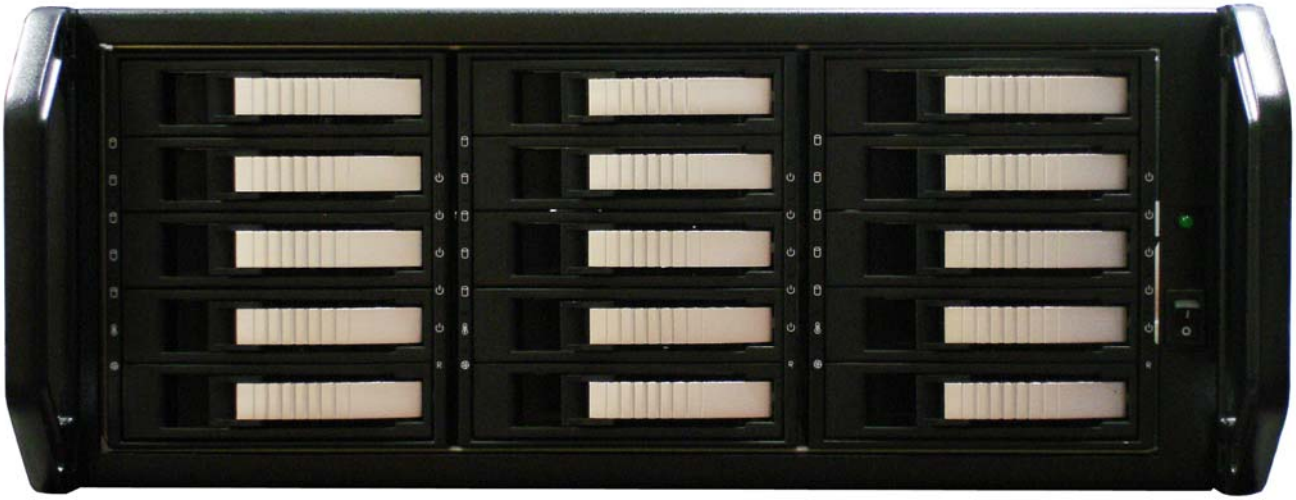
# RM15S2P



# User Manual

**Ver 2.0**

http://www.datoptic.com

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# Unpacking RM15S2P

Open the RM15S2P box and carefully remove the RM15S2P unit and accessories

Check the contents of the box which includes the following items:

- RM15S2P
- eSATA_PCIX (optional) – PCI and PCIX compatible
- eSATA Cable x 3
- Power Cable
- Hard drive mounting screws
- Manual

# Chapter 1 Introduction

1.1 Overview

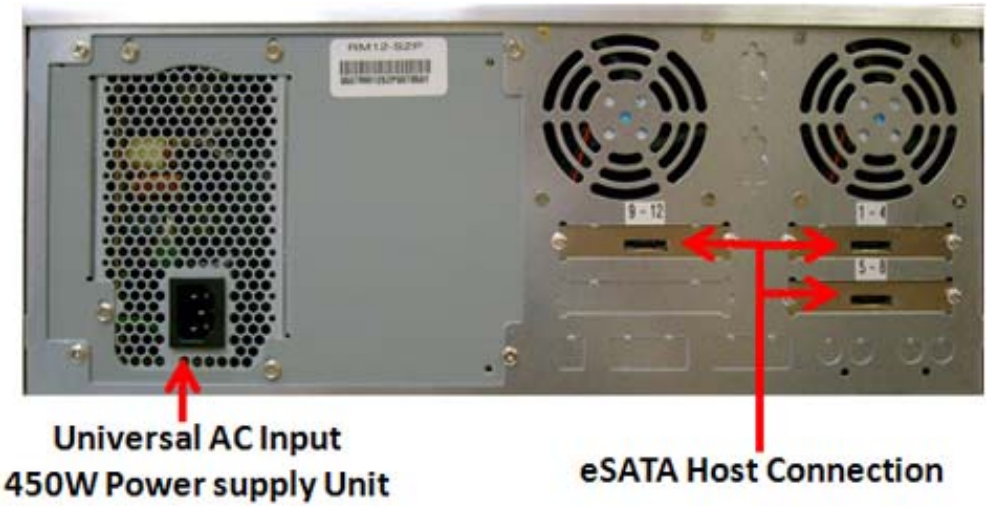
The DATOptic RM15S2P is an easy-use and cost- effective 3.5" SATA and SATA II Hot-swappable hard disk drive storage enclosure that can be used as Near-Line RAID Storage Cluster system mass storage device. It delivers large amounts of expandable storage space and is ideal for large storage libraries, digital video & digital audio files backups and flexible to grow with your storage needs.

RM15S2P is ideal for data centre, departmental and DVR server users who need a flexible, universal storage enclosure that utilizes a common storage building block for their current and future data needs. RM15S2P near-line storage systems intended for use with servers delivering large business data storage and applications with which require excellent accessibility, serviceability, and large storage capacity.

Front View

1. Hard drive trays 1 - 5
2. Hard drive trays 6 - 10
3. Hard drive trays 11 - 15

Rear View



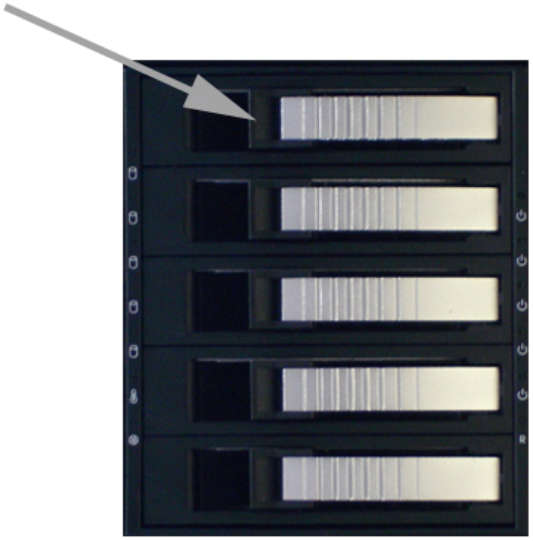

1.2 Key Feature

- eSATA interface x3
- 4U rack height
- Supports up to fifteen (15x) 3.5" SATA disk drives
- Supports 48Bit LBA – drives larger then 130GB
- Excellent cooling system ensures the drives' reliability
- Hot-swappable disk drive tray with special designed power-off and lock mechanism
- Monitor and alarm notification for temperature and fans

1.3 Specification

Model: RM15S2P
Construction: Heavy duty 1.2mm steel, meets FCC/CE Class
Drive Bay: 15 x hot-swappable SATA or SATA II drive
Interface: eSATA
Cooling Fan: Two 70mm fans
Indicator: HDD Power x 15, HDD Data Access x 15, Temperature Monitor, Fan Monitor
Data Speed: 3.0Gbps
RAID Support: RAID0, RAID1, RAID 5 and JBOD (depends on RAID controller card)
Dimensions (W x D x H): 19" x 18.5" x 6.89" (483mm x 470mm x 175mm)
Temperature Range: Operating 41°F to 104°F (5°C to 40°C)
Weight : 55 lb (without hard drive)

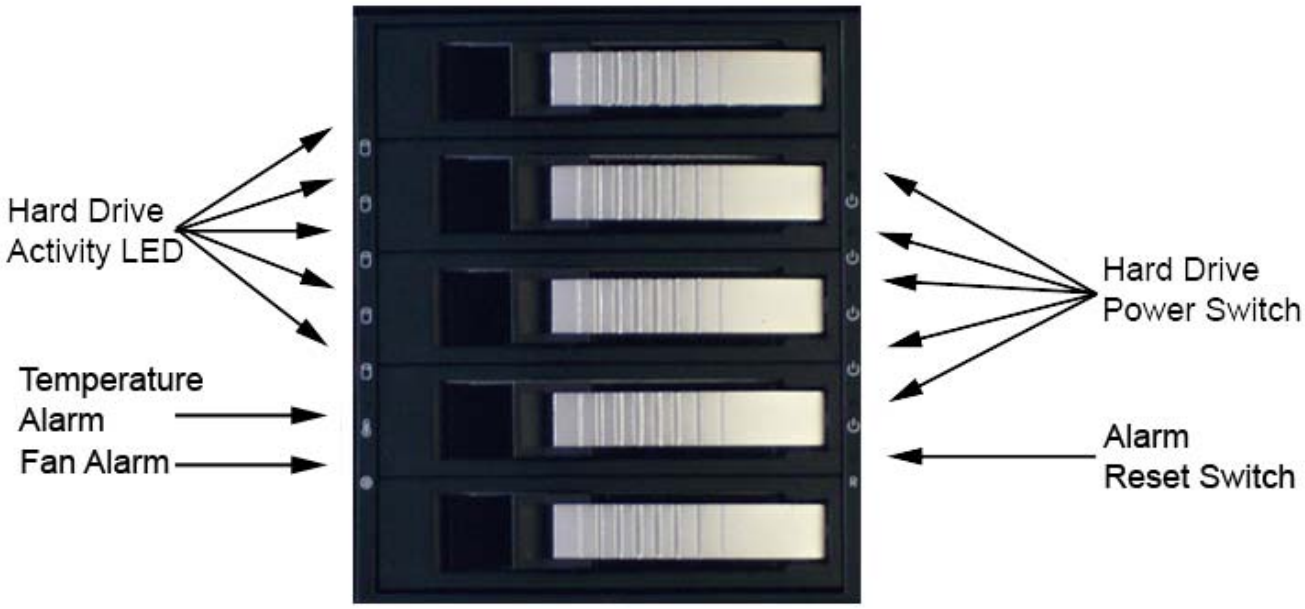
Pull the silver handle the handle out and to the right to release each hard drive trays.



Install hard drives with the included flat screws.

## Chapter 3 System Starting

3.1 Indicators and Switch




3.1.1 Hard Drive Power Switches must be pushed in to turn on each hard drive.

3.1.2 Hard Drive Activity LEDs (Yellow): Flashing when data's writing or reading

3.1.3 Temperature Alarm Indicator
Temperature Monitoring:
This indicator stays green when the operating temperature inside the chassis is normal (under 105°F). It will turn red when it is over the normal operating temperature.

3.1.4 Fan Monitoring:
When the fans operate normally, this indicator stays green. It will turn red when one of the fans malfunction or stop working.

3.1.5 Alarm Reset
The alarm will go off when the operating temperature is above limit or one of the fans stop running. You may select to stop the alarm by pressing the reset switch and have the system running continually (NOT RECOMMENDED).

3.2 Refer to your controller manual to configure the storage system.

Special Notes:

1. DO NOT force to remove drive carrier, it will cause damage if removing the drive carrier from the chassis before unlocking the carrier by using the proper key.

2. Although RM15S2P supports hot swappable, never withdraw a HDD that is being read or written. Before you want to disconnect /unplug SATA Device cable or withdraw a HDD, please make sure data transmission has been completed.

3. For the best result of ventilation inside the chassis, please don't open the case while RM15S2P is operating.

For more information, questions or contact, please visit our forum: http://www.datoptic.com/cgi-bin/yabb/YaBB.cgi.

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